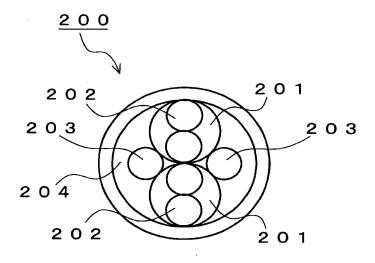
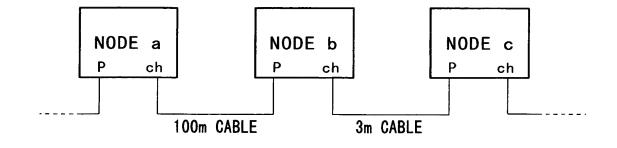
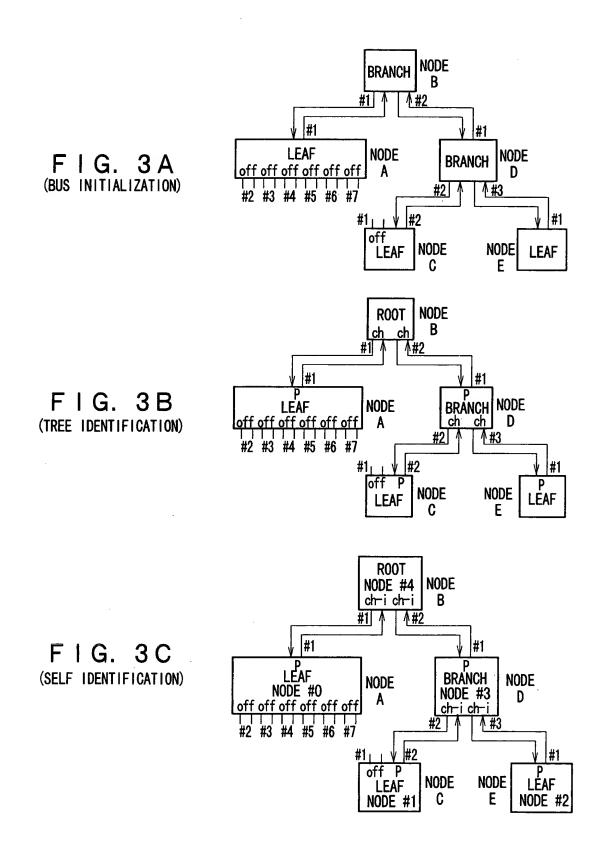


F I G. 2

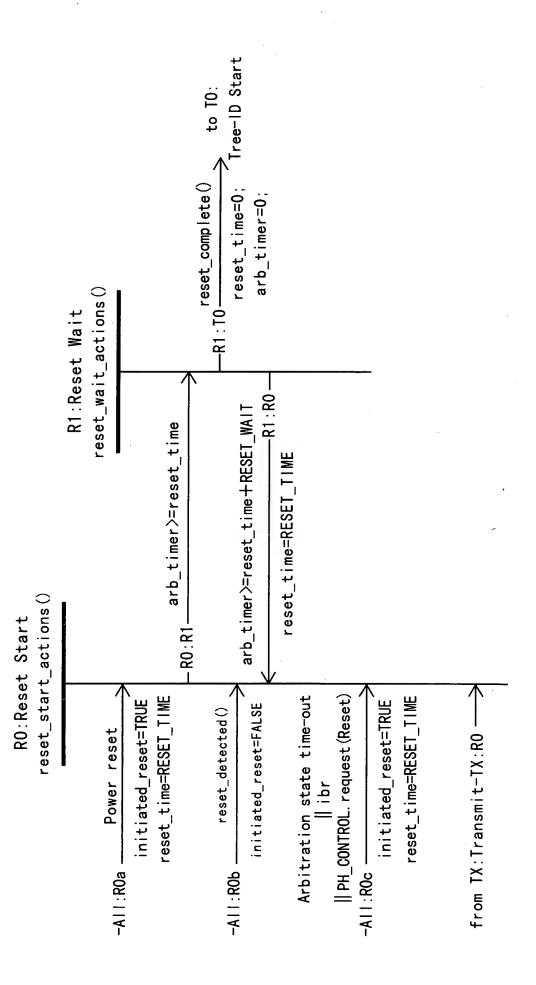


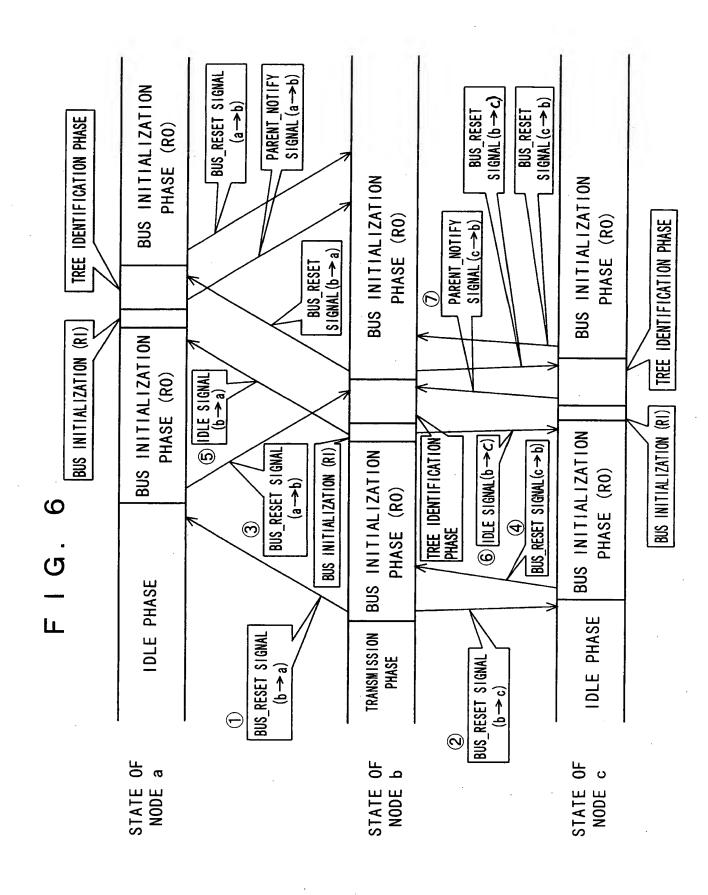
F I G. 5

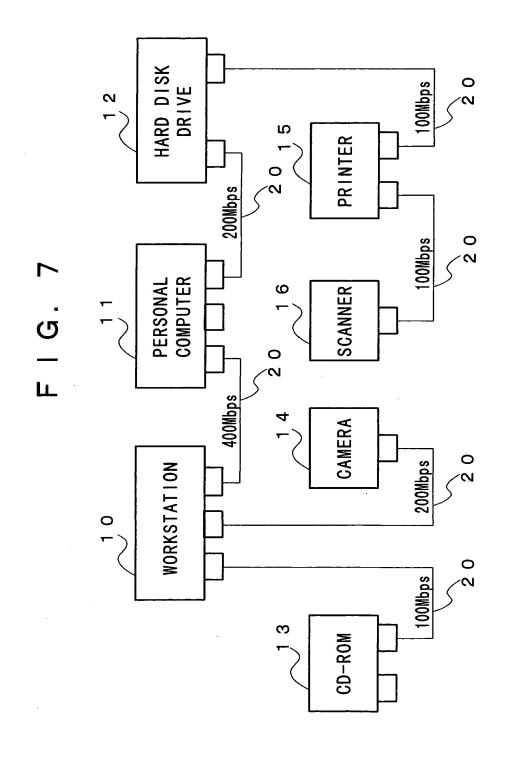




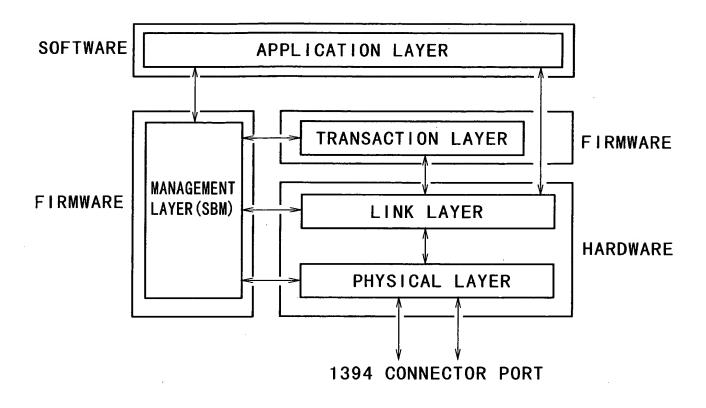
F - G. 4





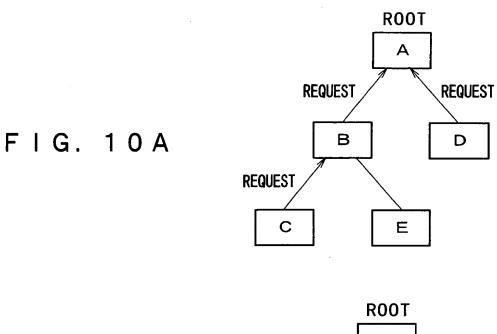


F | G. 8

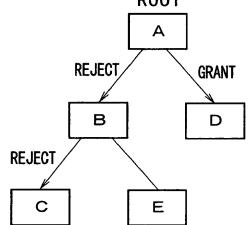


F I G. 9

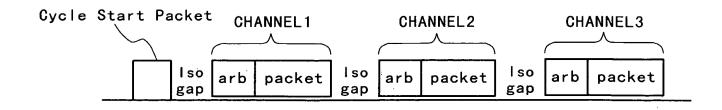
Subaction	arbitration	packet	Ack	Ack	Subaction
gap	al bi ci acton	packet	gap	ACK	gap



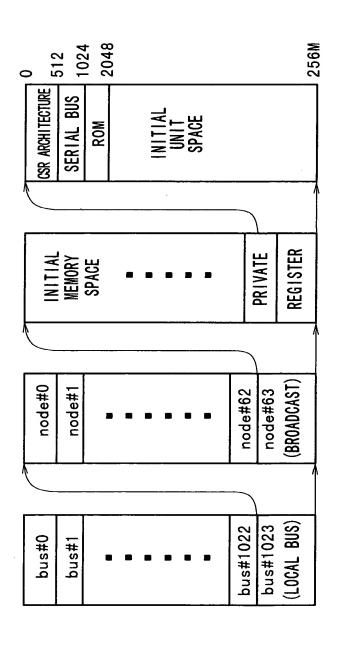
F I G. 10B

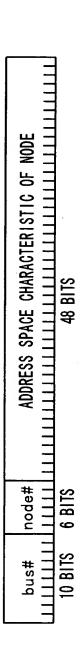


F I G. 11



F I G. 12





F I G. 13

0FFSETS	NAMES	FUNCTIONS
4000	STATE_CLEAR	STATE AND CONTROL INFORMATION
004h	STATE_SET	SET STATE_CLEAR BIT
4800	NODE_IDs	INDICATE 16-BIT NODE ID
00Ch	RESET_START	START COMMAND RESET
018h-01Ch	SPLIT_TIMEOUT	PRESCRIBE MAXIMUM TIME OF SPLIT
200h	CYCLE_TIME	CYCLE TIME
210h	BUSY_TIMEOUT	PRESCRIBE LIMIT OF RETRY
21Ch	BUS_MANAGER	INDICATE BUS MANAGER ID
220h	VAILABLE	INDICATE BANDWIDTH THAT CAN BE ASSIGNED TO ISOCHRONOUS COMMUNICATION
224h-228h	CHANNELS_AVA!LABLE	INDICATE USED STATE OF EACH
		CHANNEL

FIG. 14

îth	
8	info_length crc_length rom_crc_value
nfo_length	bus_info_block
infe	root_directory
	unit_directories
	root & unit leaves
	vendor_dependent_information

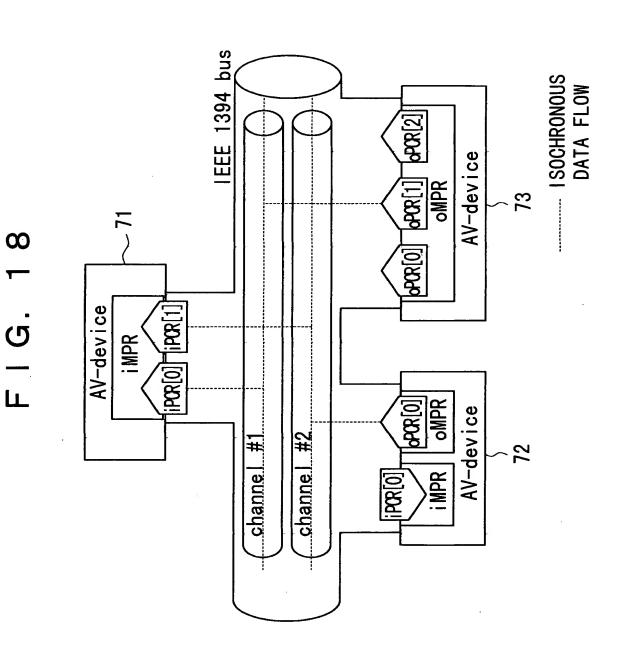
FIG. 16

900h	Output Master Plug Register
904h	Output Plug Control Register #0
908h	Output Plug Control Register #1
97Ch	Output Plug Control Register #30
980h	Input Master Plug Register
984h	Input Plug Control Register #0
988h	Input Plug Control Register #1
9FCh	Input Plug Control Register #30

FIG. 15

400h	04h	crc_length	ro	om_crc_value				
	Bus_info_blo	ck						
404h		"13 "	94"					
408h	EB.S. reserved cyc_clk_acc max_red reserved							
40Ch	Company_ID Chip_ID_h							
410h		Chip_	I D_I	0				
	Root_directo	ry						
414h	root_	length		CRC				
418h	03h	mo	dule_v	endor_id				
41Ch	0Ch	nod	le_cap	abilities				
420h	8Dh	_uniqu	e_id offset					
424h	D1h	unit_	_direc	tory_offset				
428h								
า	Optional.							
·								
_	Unit_direc	tory						
	unit_directory_length CRC							
	12h unit_spec_id							
	13h	un	it_sw	version				
1	= Optional.							
· ·								
_	·····							

					$\widehat{\mathbf{T}}$. T			
	number of output plugs	(bit)		payload	10(bit)		of ugs	(bit)		p	(bit)
	ber at p	5		ayl	-		ber rt pl	വ		9 ×	16
	number of output plugs						number of output plugs			reserved	
	Pe			overhead I D	4						
	erv	က					er ve	က		ine l	
	reserved			data rate	2		reserved			channe	9
	<u> </u>									reserved channel	
	stent n fie			channel number	9		ant n fie			erve	2
	ersis Ansion	ω		agu L L			persistent extension f	∞		ese	
	exte			t reserved number	2		per exte				
	tent Field			t res			tent ield			point-to-point connection counter	
	ərsis ion 1	∞		poin ion ir			ersis ion f	∞		int-to-poi onnection counter	9
	on-p xtens			oint-to-poi connection counter	9		non-persistent persistent extension field	: :		poir cor c	
	st r			point-to-point connection counter			reserved non-persistent extension field			t on	
	dcas I ba	9					er ve	9		cti ter	
	r oa anne	_		dca ecti ntel	_		res			broadcast connection counter	-
	te broadcast non-persistent persistent ty channel base extension field extension field			broadcast connection counter						4 00 o	
	rat						~ - I		<u>_</u>	ne	
2	data ra capabili	8	oPCR[n]	on-line	-	æ	data ra capabil	2	i PCR [n]	on-line	_
oMPR	da cap		oP(on-		MPR	da		P	o	
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	<u></u>			_			_			_	
	•	*		•			•			•	
	F I G. 17A			F1G. 17B			F1G. 17C			F1G. 17D	
	_									_	
	ш			Ш.,			Щ			Ш.	



F I G. 19

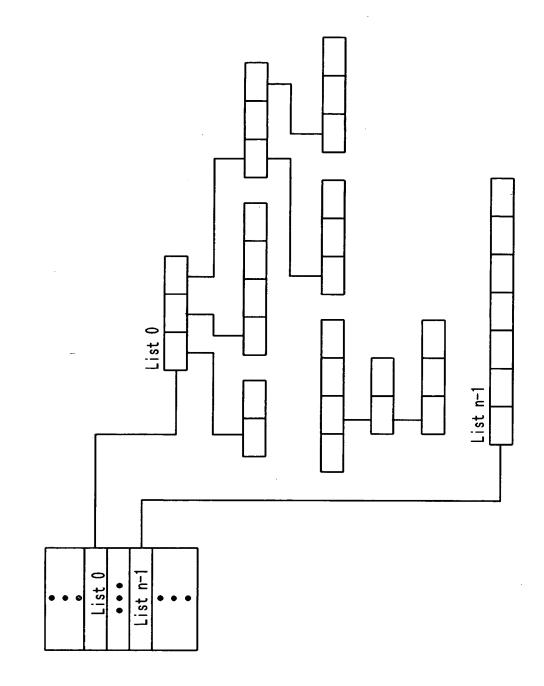


FIG. 20

The Gener	ral Subunit Identifier Descriptor
address	contents
00 0016	descriptor_length
00 0116	
00 0216	generation_ID
00 03 ₁₆	size_of_list_ID
00 04 ₁₆	size_of_object_ID
00 05 ₁₆	size_of_object_position
00 0616	<pre>number_of_root_object_lists(n)</pre>
00 07 ₁₆	
00 0816	root_object_list_id_0
	root_object_list_id_n-1
	subunit_dependent_length
	subunit_dependent_information
	manufacturer_dependent_length
	manufacturer_dependent_information

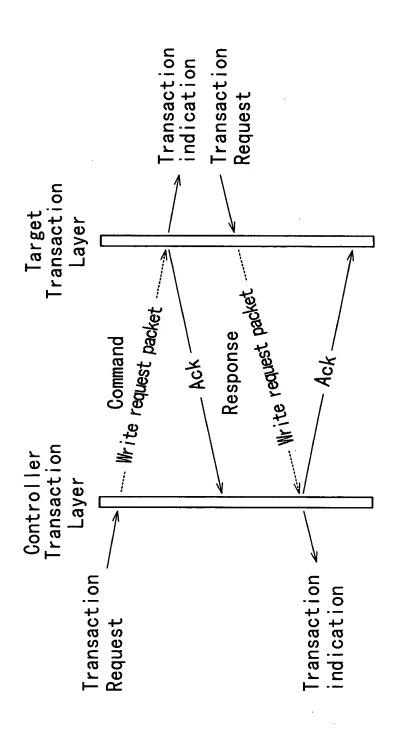
F I G. 21

generation_ID values						
generation_ID meaning						
0016	Data structures and command sets as specified in the AV/C General Specification, version 3.0					
all others	reserved for future specification					

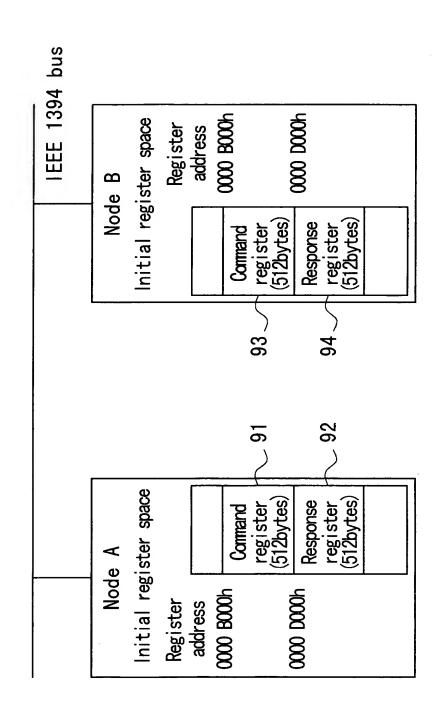
F I G. 22

List ID Value Assignment Ranges						
range of values	list definition					
000016-0FFF16	reserved					
100016-3FFF16	subunit-type dependent					
400016-FFFF16	reserved					
1 000016-max list ID value	subunit-type dependent					

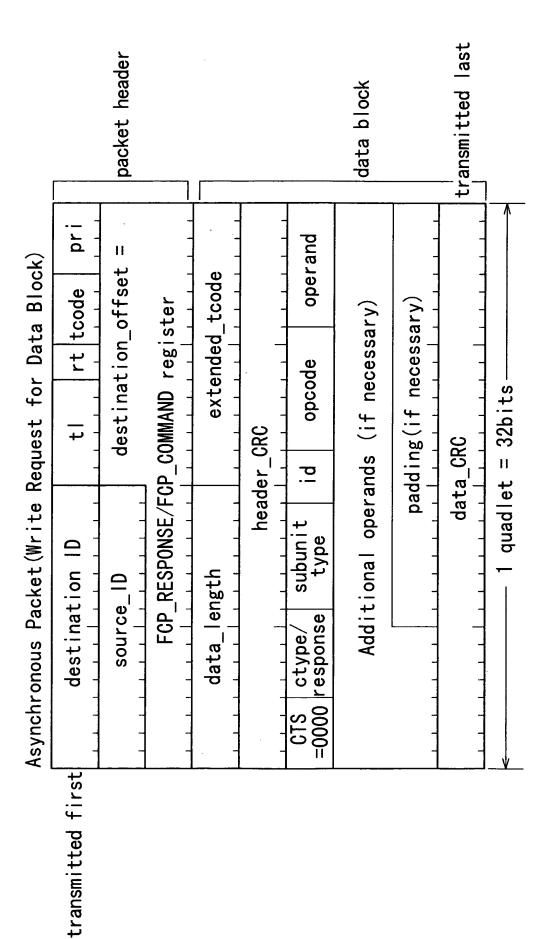
F | G. 23



F I G. 24



F | G. 25



opcode:Operation Code	/OOh VENDOR-DEPENDENT	/ 50h SEARCH MODE	/ 51h TIMECODE	/ 52h ATN	60h OPEN MIC	61h READ MIC	62h WRITE MIC	C1h LOAD MEDIUM	C2h RECORD	\ C3h PLAY	C4h WIND	\				
subunit_type	00000 Video monitor	(reserved)	00011 Disc recorder/	Player	00100 Tape recorder/	Player	00101 Tuner	00111 Video Camera	\langle (reserved)	11100 Vendor unique	11101 reserved	11110 Subunit type	extended to next	byte	11111 Unit	
ctype/response	CONTROL	STATUS	SPECIFIC INQUIRY	NOTIFY	GENERAL INQUIRY		(reserved for future specification)		NOT IMPLEMENTED	ACCEPTED	REJECTED	IN TRANSITION	IMPLEMENTED/STABLE	CHANGED	(reserved for future specification)	INTERIM
ctype	0000	2 0001	nan 0010	0011	<u>ت</u> 0100	0101	<u>~</u>	0111	1000	1001	1010	1011	3es 1100	1101	1110	1111

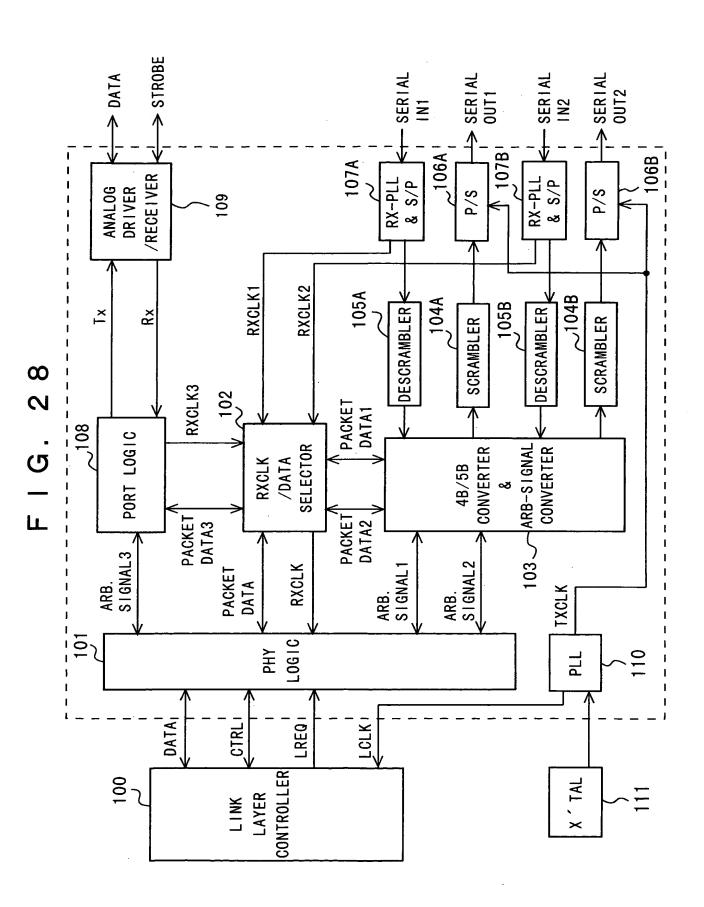
F1G. 26B

F1G. 26A

F1G. 26C

	FORWARD	operand= 75h
SE	PLAY	4EO =apoodo
1胎 (4	OF 1D0	000 =p!
tape recorder IN THE CASE	/player	subunit type= 00100
	AV/C control	ctype= 0000
	AV/C	CTS= 0000
		27A
		<u>ი</u>
		Щ

		11
	FORWARD	operand= 75h
SE	PLAY	opcode= C3h
出	0F 1D0	000 =p!
rape recorder IN THE CASE	/player	subunit type= 00100
•	AV/C accepted	CTS= response 0000 =1001
:	AV/C	CTS= 0000
		2 7 B
		<u>ი</u>
		ш



F | G. 29

